

FIG. 1

Phase	Vendor	Estimated Time (Days)
Order Processing	ASIC Provider	3
GDSII Preparation	ASIC Provider	19
Fabrication	Fab	61
Probe Card Making	Test/Assembly House	56
Package Design	Test/Assembly House	56
Wafer Transfer	Freight Forwarder	1
Packaging	Test/Assembly House	3
Parts Transfer	Freight Forwarder	1
Test & Debug	ASIC Provider	5
Parts Transfer	Freight Forwarder	1
TOTAL		94

FIG. 2A

Phase	Vendor	Estimated Time(Days)
Order Processing	Fabless ASIC Provider	5
Fabrication	Foundry	68
Wafer Transfer	Freight Forwarder	1
Package/Test	Test/Assembly House	15
Parts Transfer	Freight Forwarder	1
TOTAL		90

FIG. 2B

Step No.	Step Name	Step Group
1	WAF-1	Wafer Start
9	TRCH1-CMP	Wafer Start
11	SAC1-OX	Wafer Start
25	PO1-DP	Gate Mask
27	PO1-ET	Gate Mask
63	ME1-PH	Metal 1
64	ME1-ET	Metal 1
76	VA2-CMP	Metal 3
76	VA2-CMP	Metal 3
117	PA1-PH	Metal 6
120	WAT 2-1	WAT
121	SORT	SORT

FIG. 2C

	Customer Order 1	Customer Order 2
Time Stamp	12:20 am, 06/20/01	12:20 am, 06/20/01
Foundry ID	5910	5920
Lot ID	5910-1	5920-2
Current Step	WAF1-START	WAF1-START
Current Quantity	25	25
....

FIG. 2D

Precedence

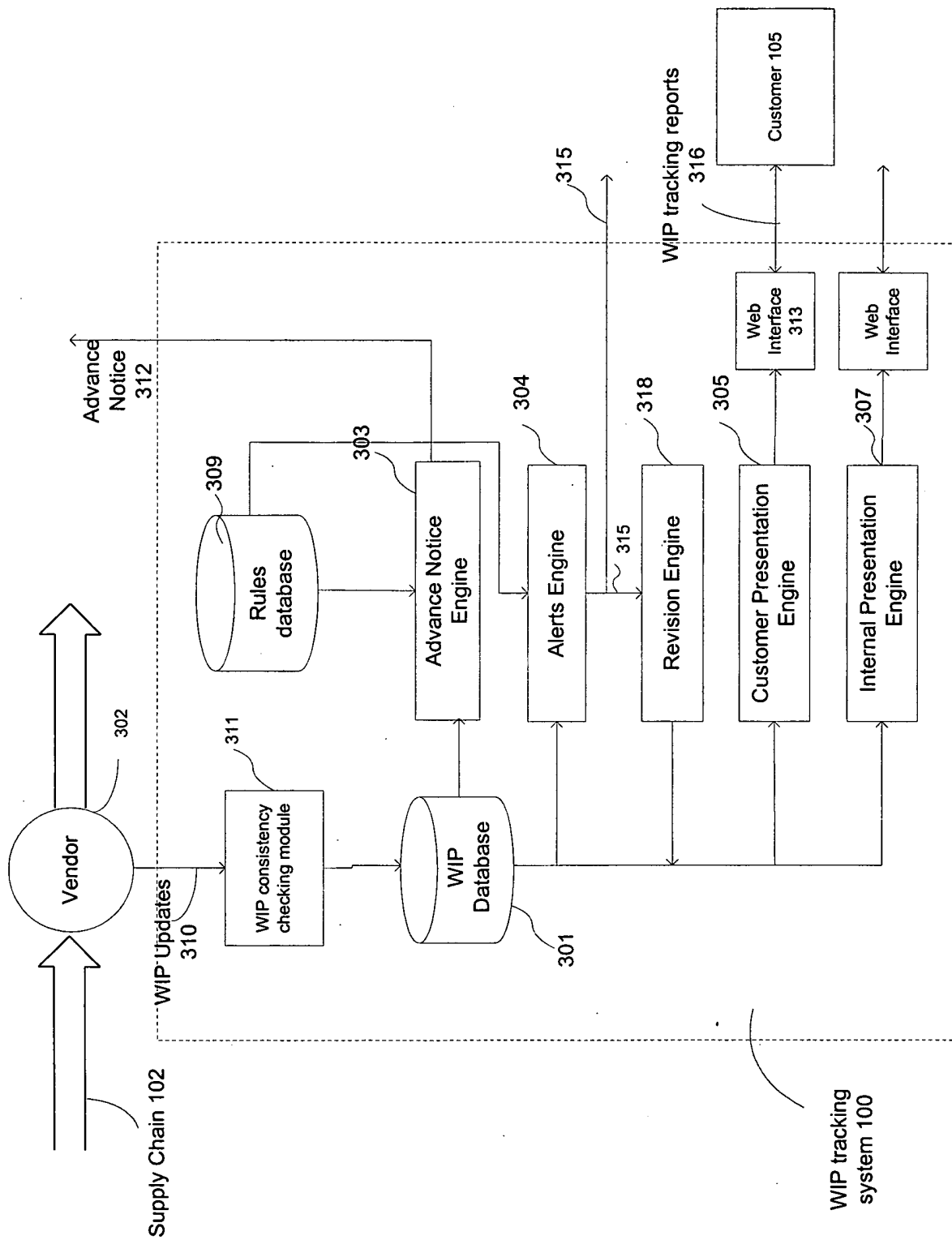


FIG. 3

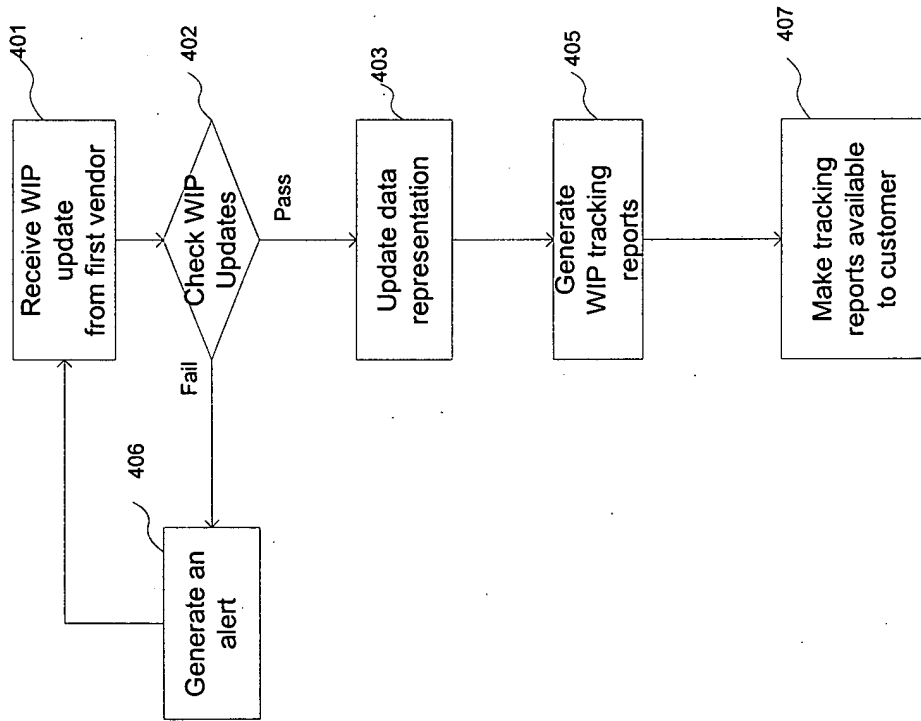


FIG. 4

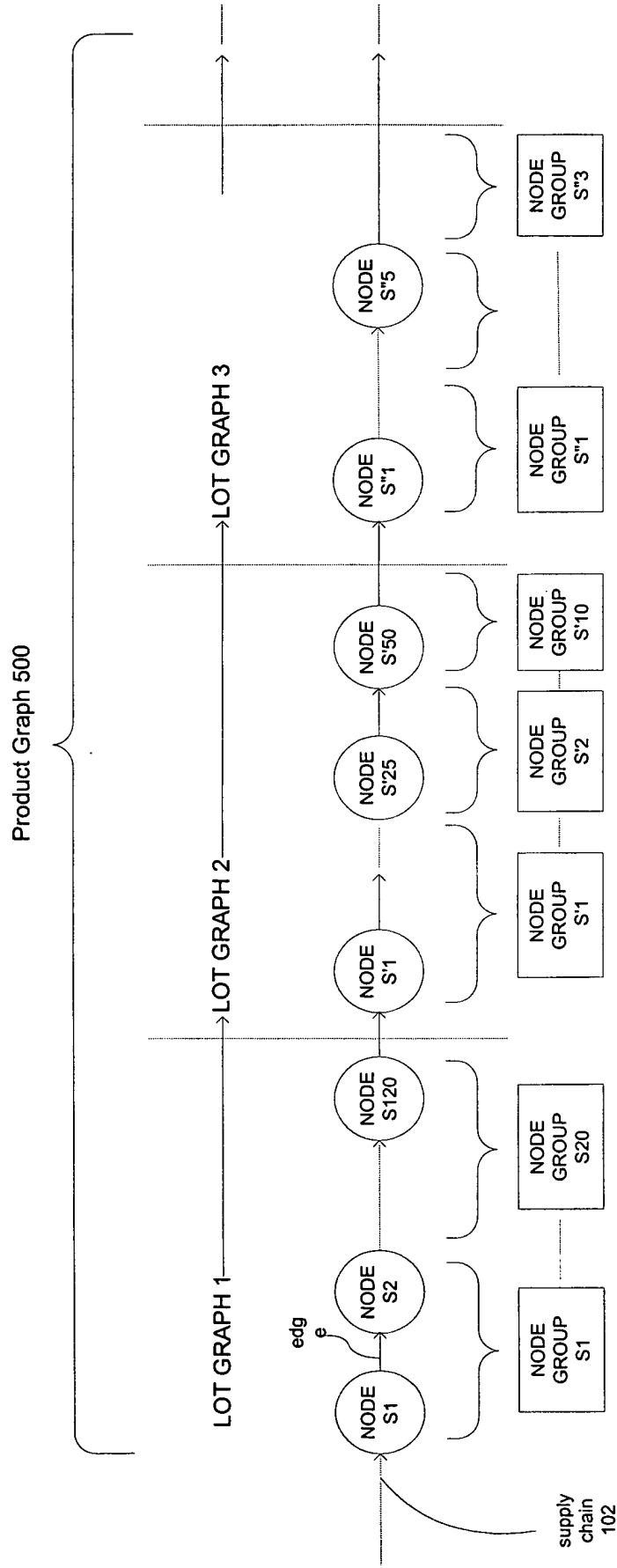


FIG. 5

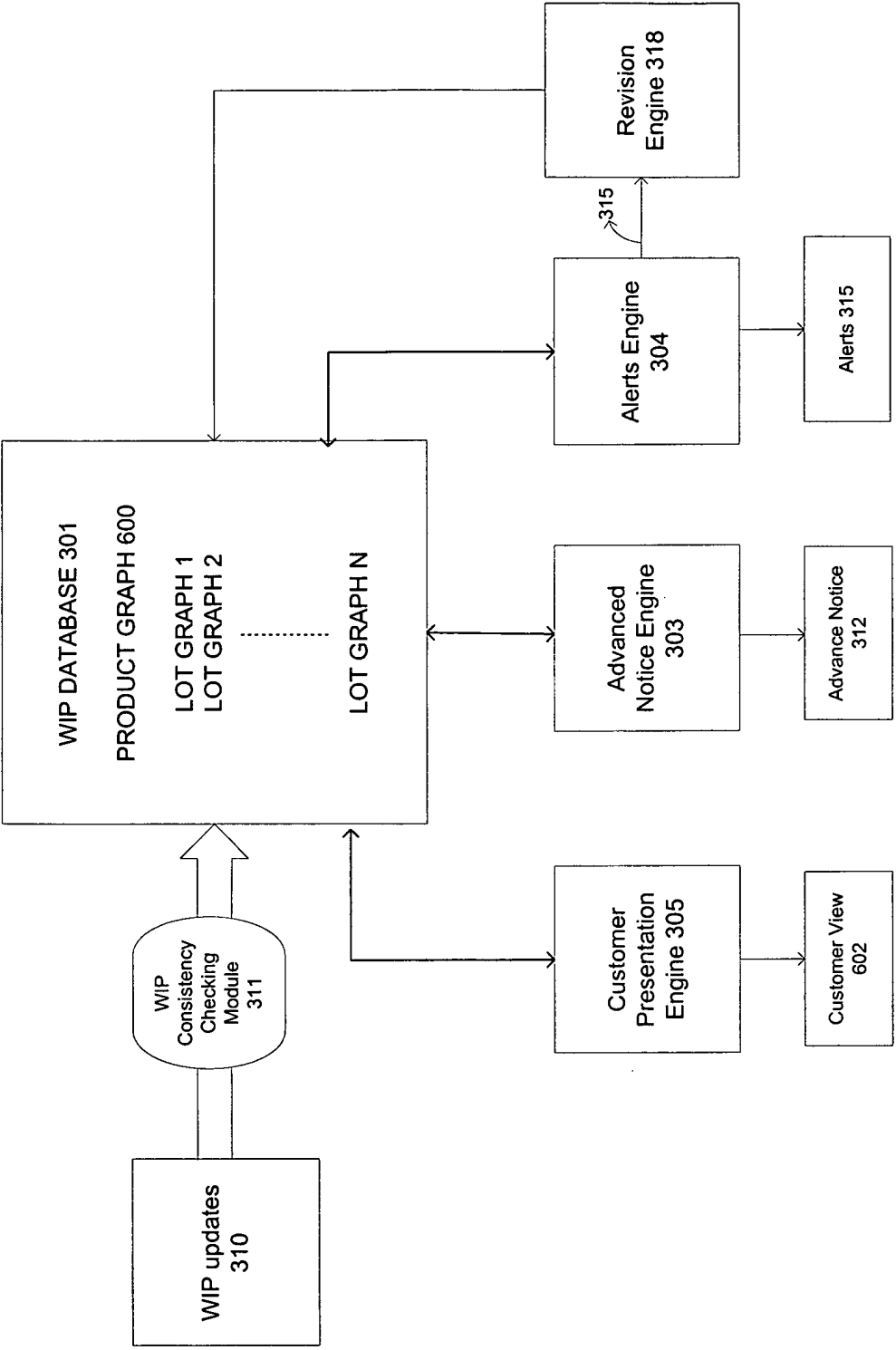
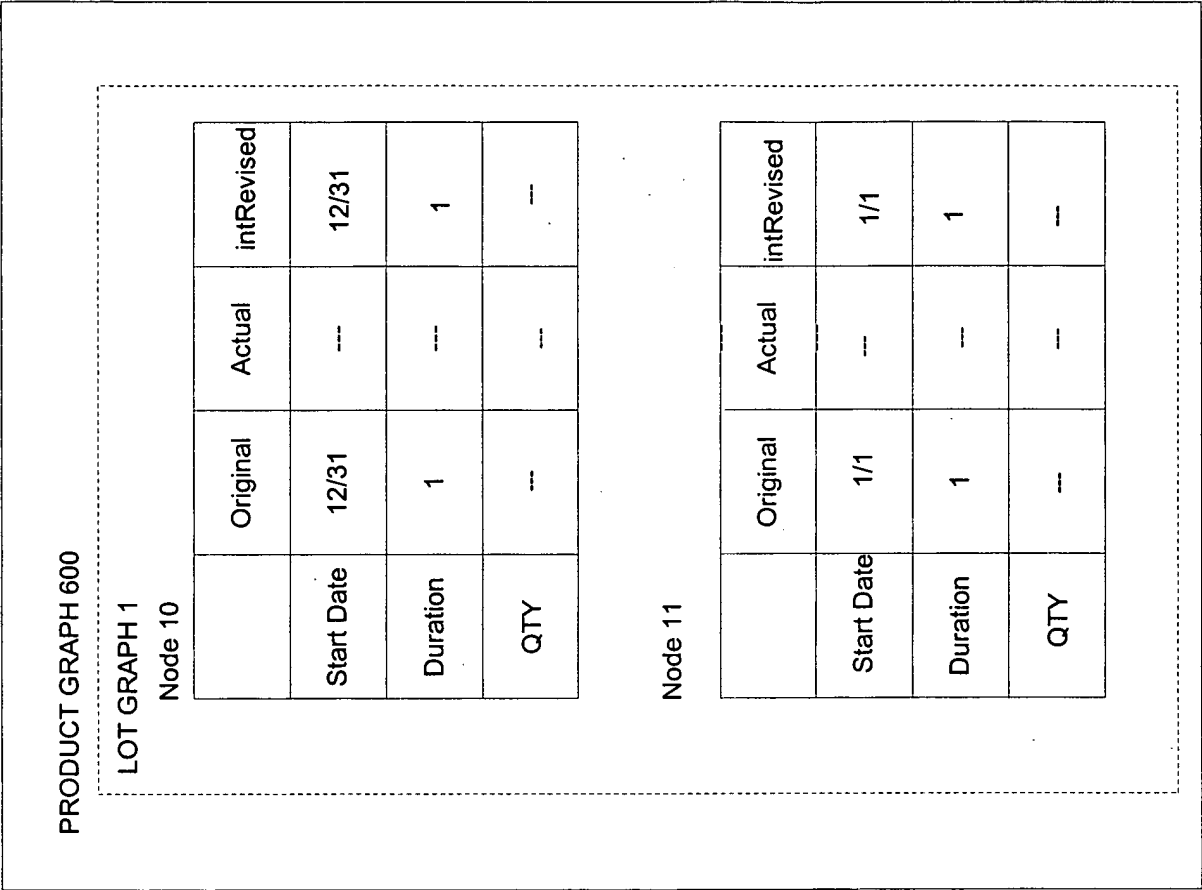


FIG. 6

FIG. 20-continued

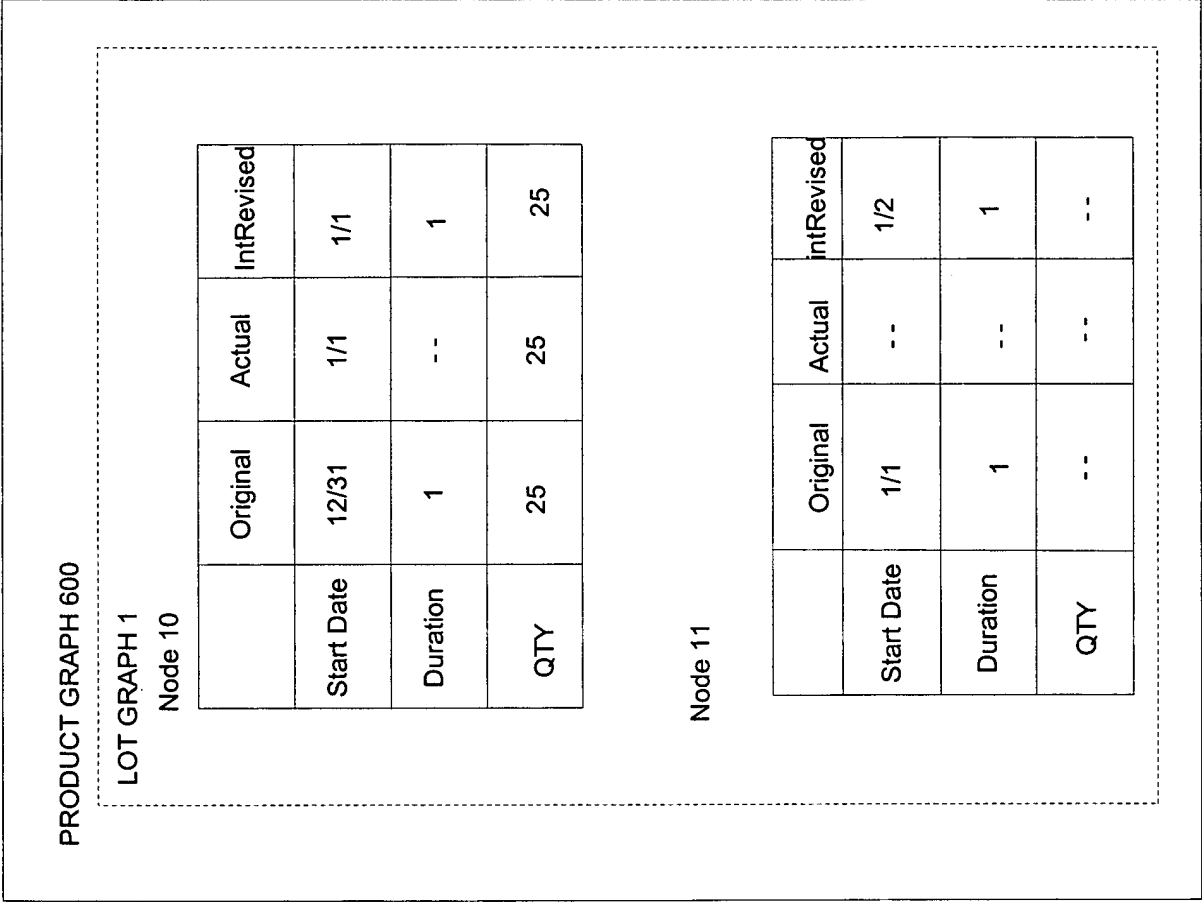


Process Flow 709
for Lot ID 702

Step	Expected Duration	Conversion Factor
10	1	200
11	1	200



FIG. 7A



WIP Update
310A for Lot
ID 702

Date	Step	QTY
1/1	10	25

FIG. 7B

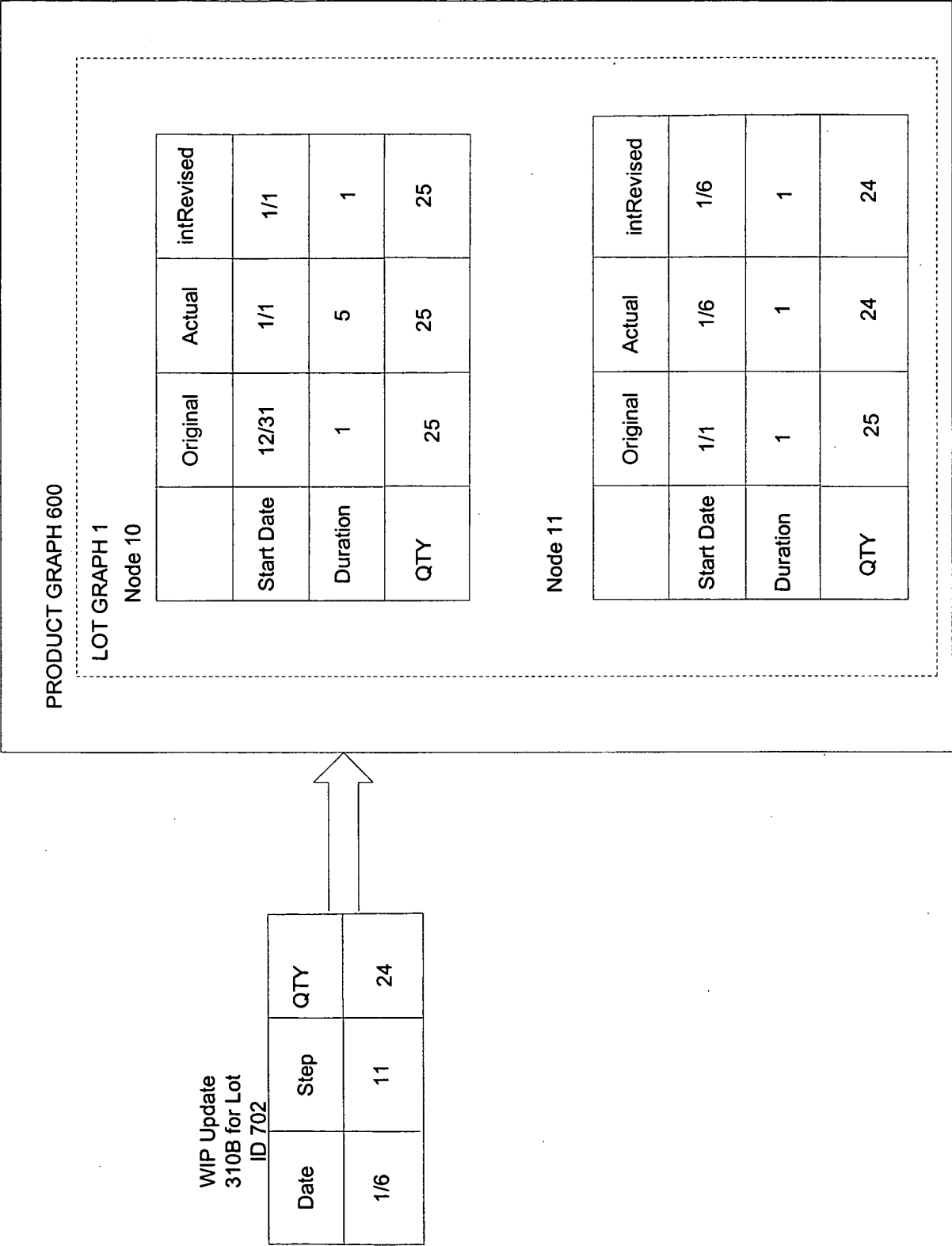


FIG. 7C

FIG. 8

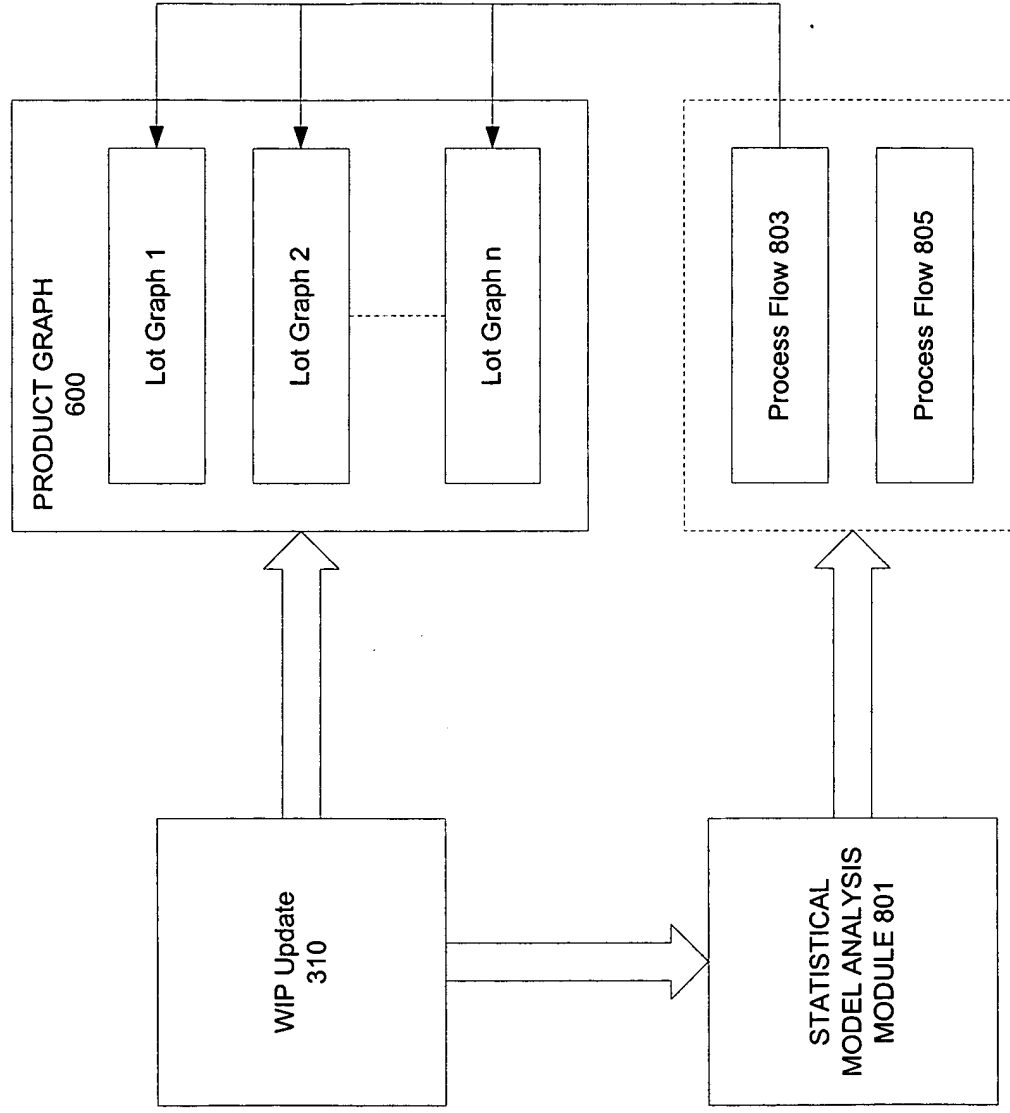


FIG. 8

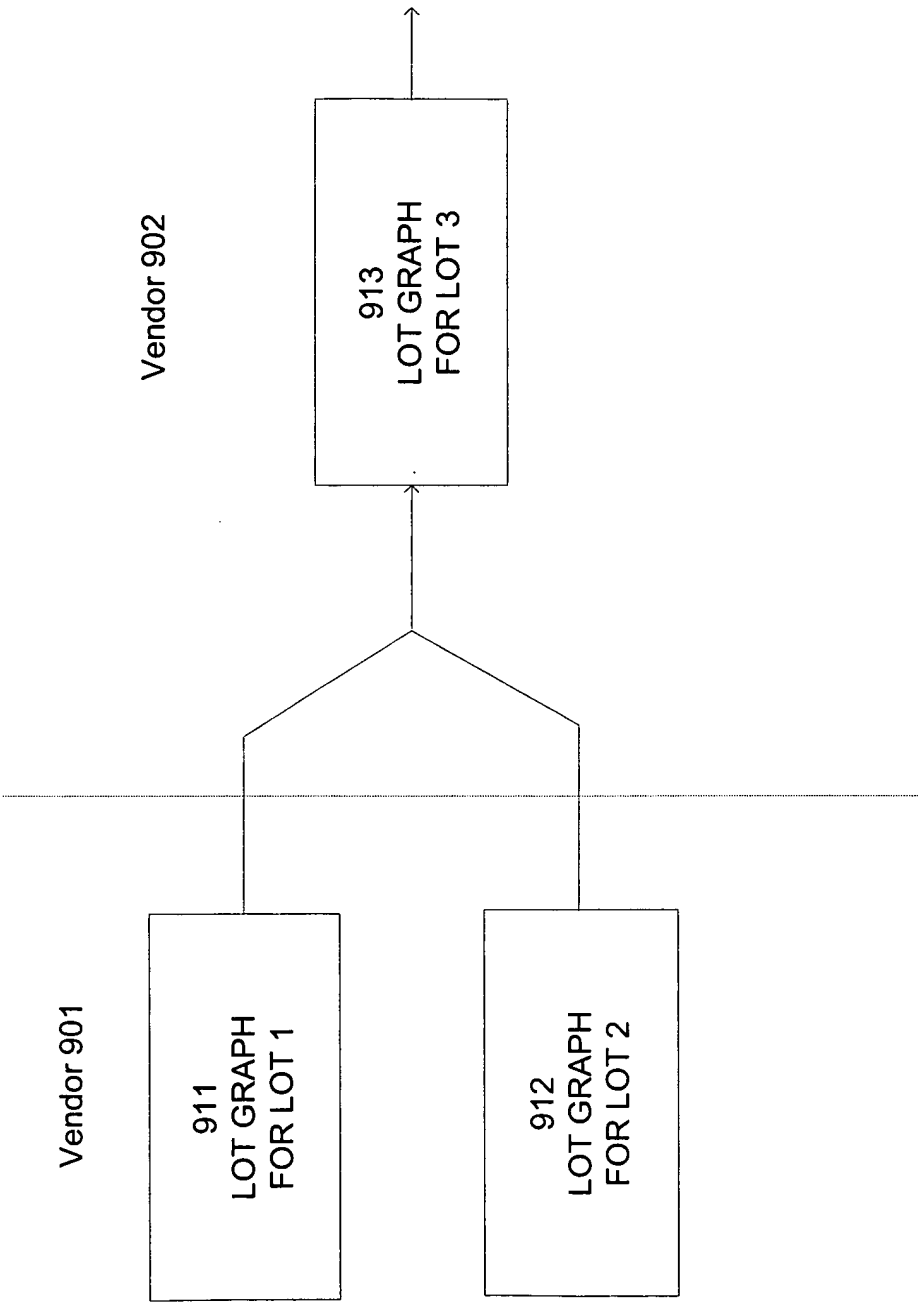


FIG. 9

FIG. 9

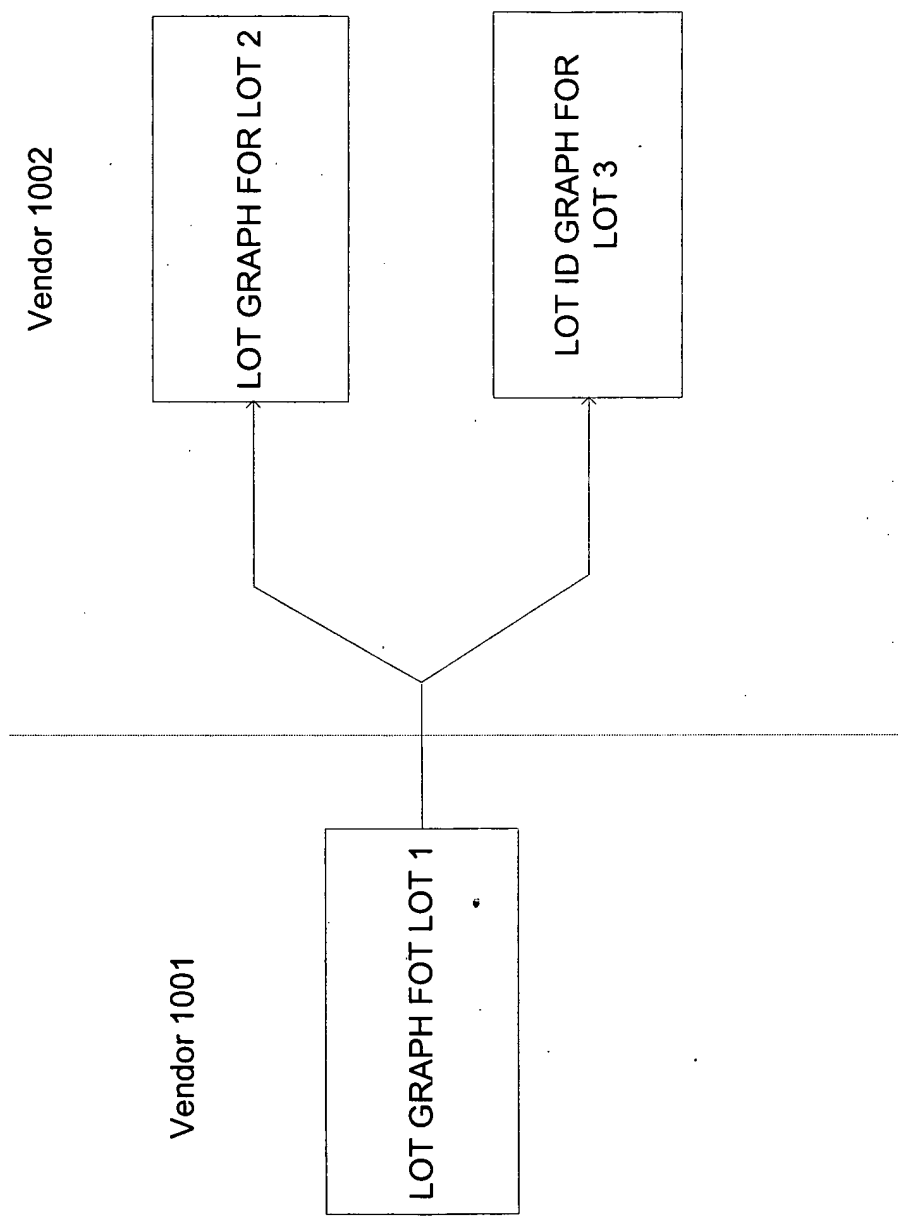


FIG. 10

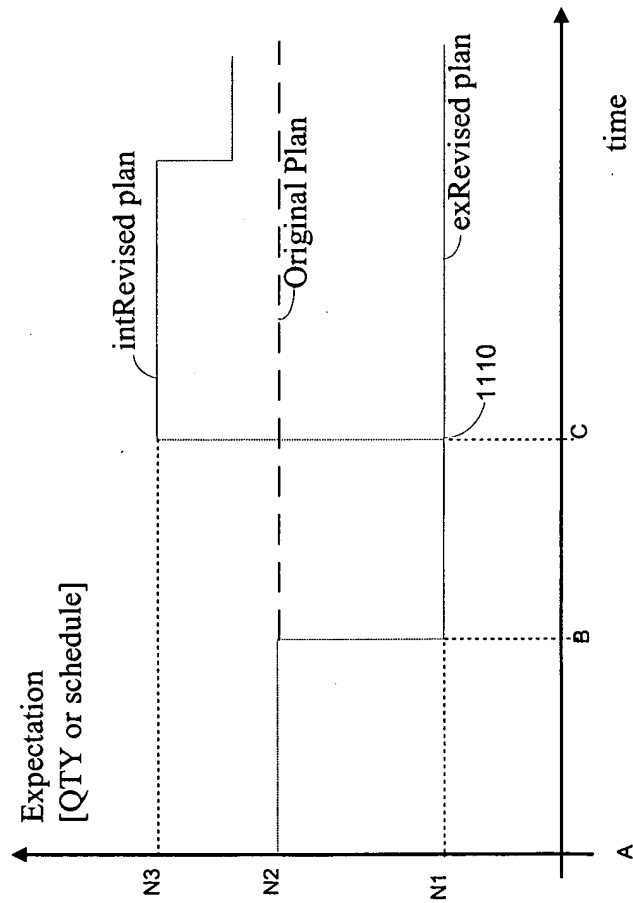
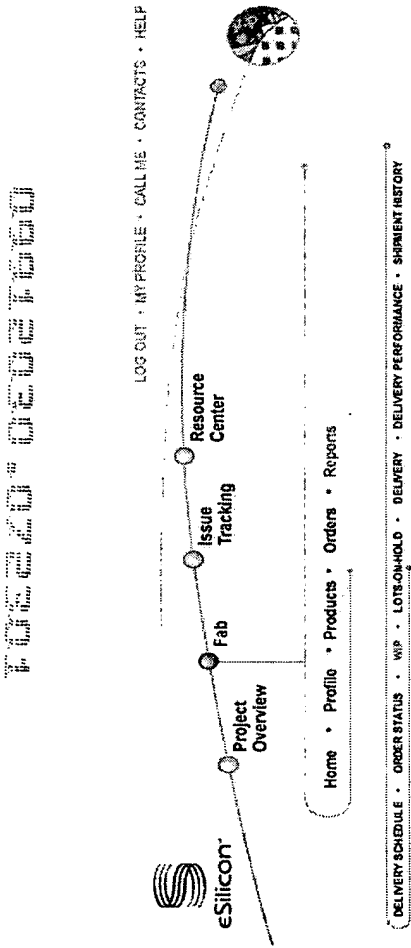


FIG. 11

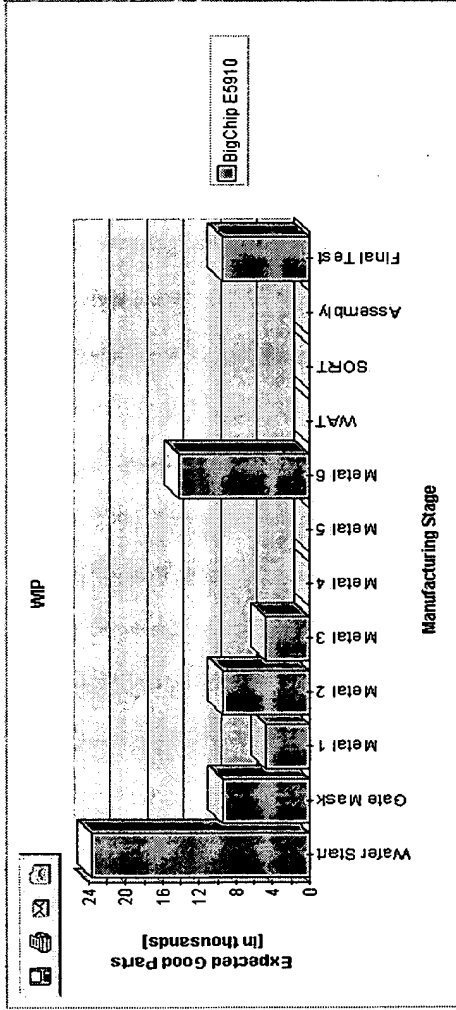


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Work In Progress

Customer Part #	Customer Product	Foundry										Assembly	
		Water Start	Gate Mask	Metal 1	Metal 2	Metal 3	Metal 4	Metal 5	Metal 6	WAT	SORT	Assembly	Final Test
BC-E5910	BigChip E5910	23,750	9,500	4,750	9,500	4,750	0	0	14,250	0	0	0	9,500

- All quantities are in "Parts".
- Quantities displayed in red indicate lot on hold.



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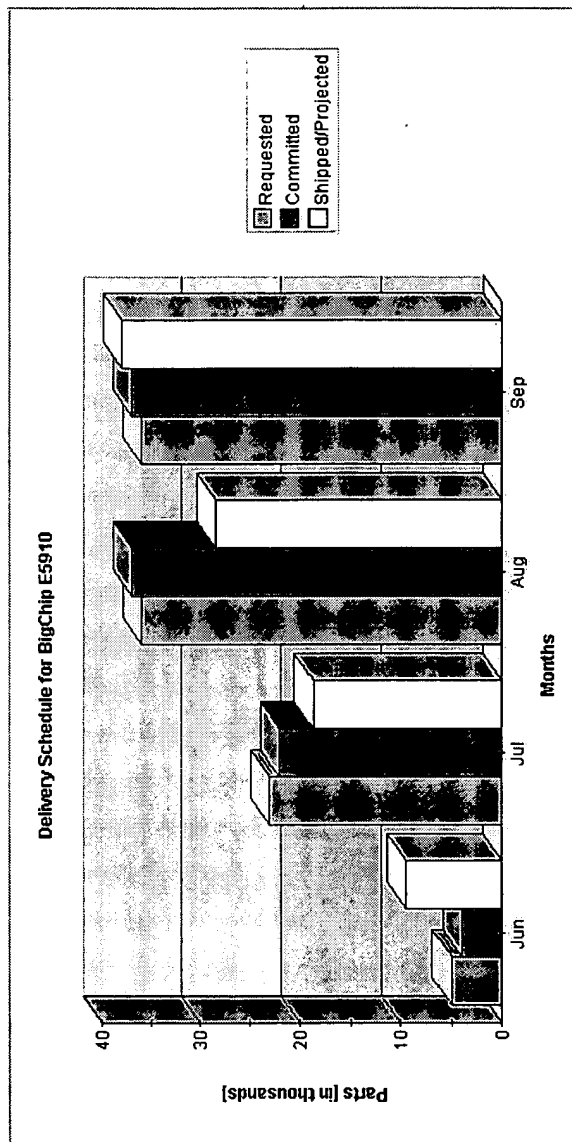
FIG. 12A

Delivery Schedule

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Month >>	June	July	August	September
Requested	5,000	23,000	36,000	36,000
Committed	4,000	22,000	37,000	37,000
Shipped/Projected	9,500	18,685	28,500	36,000
Running Total	9,500	28,185	90,985	94,685


• All quantities are in "Parts".



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FIG. 12B



LOG OUT • MY PROFILE • CALL ME • CONTACTS • HELP

Project Overview

Fab

Issue Tracking

Resource Center

Home

Profile

Products

Orders

Reports

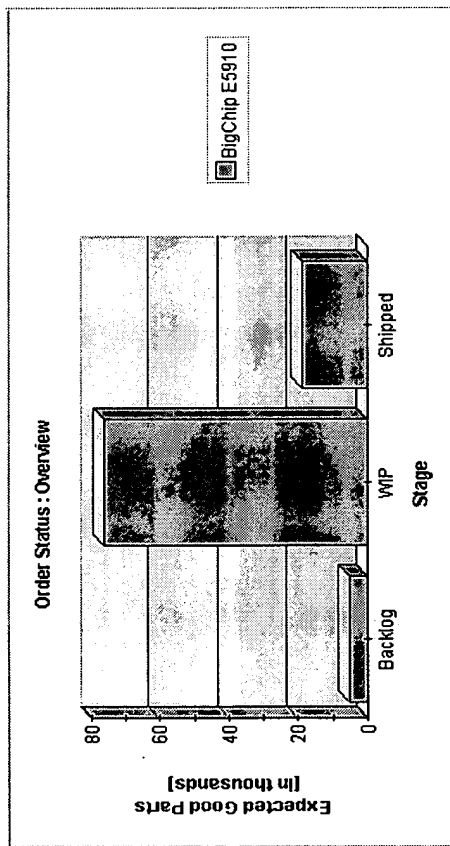
DELIVERY SCHEDULE • ORDER STATUS • WIP • LOTS-ON-HOLD • DELIVERY • DELIVERY PERFORMANCE • SHIPMENT HISTORY

Order Status Report

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Customer Part #	Customer Product	eSilicon Part #	Ordered	Backlog	WIP	Shipped
BC-E5910	BigChip E5910	E5910	100,000	5,180	70,000	18,810

- All quantities are in "Parts".



Report Last Updated: Thu Jul 19 11:01:45 PDT 2001

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FIG. 12C